

CONDUCTOR STRINGING EQUIPMENT

DP-300 Truck Mounted Drum Puller

For Transmission Conductor Installation



DP-300 Drum Puller Mounted on a Sterling LT 9500 6 x 6 Chassis

SPECIFICATIONS

- * Proven hydrostatic pulling system with infinitely variable linespeed and linepull control.
- * 460 Horsepower Cummins diesel engine driving both truck and drum puller.
- * 33,000 lbs. continuous linepull at full drum.
- * Heavy duty drum with capacity for up to 30,000 feet of 3/4" swagged steel wire rope.
- * Spring applied-hydraulic pressure released holding brake.
- * Central air conditioned and heated operator's cab for maximum safety and visibility.
- * Engraved console control panel.
- * 30,000 lbs. capacity front and rear winches with two speed ranges.
- * Two heavy duty rear hydraulic stabilizers with lock valves.
- * Automatic diamond leadscrew levelwind system for even spooling of rope onto drum.
- * Hydraulic system for remote mounted reel winder.
- * 6 Wheel drive Sterling Truck Model LT 9500 with single front axle and tandem rear axles.
- * 85,000 lbs. GVWR
- * 10 Speed Fuller manual transmission.
- * AM/FM cassette stereo.

At TSE, engineering is a process of continuous product improvement; therefore, specifications are subject to change without notice.

16-6290-042

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PERFORMANCE:

Continuous Linepull Rating (approximate).....33,000 lbs. @ 2.1 mph to 2.5 mph
30,000 lbs. @ 2.7 mph to 3.0 mph
25,000 lbs. @ 3.2 mph to 3.9 mph
20,000 lbs. @ 4.0 mph to 4.8 mph

DRUM CAPACITY:

Drum Outside Diameter.....74 inches
 Drum Width between Flanges.....59-1/4 inches
 Drum Core Diameter.....20 inches
 Drum Capacity.....30,000 feet of 3/4 inch diameter wire rope

DRIVE SYSTEM:

Engine.....460 Horsepower Cummins N14+ Diesel Engine
 Hydraulic Pump.....15 Cubic Inch Variable Displacement Pressure Compensated
 Hydraulic Motors.....(2) Variable Displacement Axial Piston Motors
 Drive Train Brake.....Spring Applied/Hydraulic Pressure Released
 Final Drive.....Planetary Gearbox and 2-1/2 inch Chain Drives

TRUCK:

Axles.....65,000 lbs. Capacity Rear Tandem with Leaf Spring Suspension
20,000 lbs. Capacity Front Driving Axle with Spring Suspension
 Trailer Brakes.....Air Brakes on each Wheel
 Tires.....(12) 12:00R24 18 Ply Rating
 GVWR.....85,000 lbs.
 Transmission.....10 Speed Fuller Manual Transmission
 Driver's Cab.....Fully Equipped Air Conditioned and Heated with Two Seats
 Winches.....30,000 lbs. Capacity Front and Rear Winches with Two Speeds
 Stabilizers.....Two Hydraulic Rear Stabilizers with Lock Valves
 Towing Package.....Rear Towing Package with Connector for Electric Trailer Brakes

UNIT DIMENSIONS:

Length.....29 ft. 7 in.
 Width.....8 ft. 7.5 in.
 Height.....12 ft. 6 in.
 Weight.....85,000 lbs. c/w 25,000 Feet of 3/4" Rope Installed

GENERAL FEATURES:

(2) 50 Gallon Fuel Reservoirs with Level Gauge
 150 Gallon Hydraulic Reservoir with Level Gauge and Temperature Gauge
 Hydraulic Fan Driven Oil Cooler with Thermostat for Positive Heat Dissipation
 Heated and Air Conditioned Insulated Operator's Cab
 Elevated Operator's Position for Full View of Pulling Operation
 Automatic Diamond Leadscrew Levelwind System with Four Roller Fairlead
 Hydraulic Controls for Remote Reel Winder
 Unit Sandblasted, Primed and Painted with Two Coats of Enamel Finish Paint

OPERATOR CONTROLS:

Direction Control Lever with Infinite Speed Adjustment
 Adjustable Pull/Tension Control with Bypass if Preset Tension is Reached
 Speed Range Selector Low/Medium/High
 Holding Brake Apply/Release Control
 Hydraulic System Pressure Gauge
 Engine Throttle Control
 Remote Reel Stand Direction and Linepull Control
 Permanently Engraved Operator's Control Panel

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